

IN THE CLAIMS:

Please amend the following claims:

Claim 1 (cancelled)

Claim 2 (currently amended): ~~The method of claim 1,~~

A method for displaying information on a plurality of keys on a keyboard, comprising:

receiving a request to change the configuration of the plurality of keys from a first configuration to a second configuration;

determining information to display on each of the plurality of keys in the second configuration; and

displaying the information on a surface of each of the plurality of keys, wherein the surface of each key is operable to be depressed, wherein displaying the information further comprises displaying a Braille letter on each of the plurality of keys.

Claim 3 (currently amended): The method of claim [[1]] 2, wherein displaying the information comprises raising one or more pins of a matrix of pins above the surface of each of the plurality of keys to form one or more Braille letters.

Claim 4 (currently amended): The method of claim [[1]] 2, wherein receiving the request comprises receiving the request to change the configuration to a Braille configuration mode.

Claims 5 - 6 (cancelled)

Claim 7 (currently amended): ~~The method of claim 5,~~

A method for displaying information on a plurality of keys on a keyboard, comprising:

receiving a request to change the configuration of the plurality of keys from a first configuration to a second configuration;

determining information to display on each of the plurality of keys in the second configuration; and
displaying the information on a surface of each of the plurality of keys, wherein the surface of each key is operable to be depressed, wherein each of the plurality of keys includes a display panel, wherein displaying the information comprises activating one or more pixels of the display panel to display the information, and wherein displaying the information comprises displaying at least one of graphics or video on the display panel of the plurality of keys of the keyboard.

Claim 8 (currently amended): The method of claim [[1]] 7, wherein the keyboard includes a configuration panel, wherein receiving the request to change the configuration of the plurality of keys comprises detecting a user selection of an option from the configuration panel.

Claim 9 (currently amended): The method of claim [[1]] 7, wherein receiving the request to change the configuration of the plurality of keys comprises receiving the request from a processor-based system coupled to the keyboard.

Claims 10 – 12 (cancelled)

Claim 13 (currently amended): ~~The keyboard of claim 12, further comprising~~

A keyboard, comprising:

a plurality of keys, wherein a surface of each of the plurality of keys is operable to be depressed, wherein each of the plurality of keys comprises a surface and a display panel having one or more pixels located on the surface;

a control unit configured to cause a display of a first set of symbols on the plurality of keys in a first mode and a display of a second set of symbols on the plurality of keys in a second mode; and

an input interface to receive at least one of graphics data and video data.

Claim 14 (previously presented): The keyboard of claim 13, wherein the control unit is adapted to display the ~~graphics data or~~ video data on the display panels of each of the plurality of keys.

Claim 15 (currently amended): The keyboard of claim 13 ~~10~~, wherein the control unit is adapted to receive a request to change to the second mode.

Claim 16 (currently amended): The keyboard of claim 13 ~~10~~, further comprising a configuration panel adapted to allow a user to operate the keyboard in at least one of the first and second mode.

Claim 17 (currently amended): The keyboard of claim 13 ~~10~~, wherein the keyboard includes a character map stored in a memory and wherein the control unit is adapted to display the first set of symbols on the plurality of keys in the first mode and the second set of symbols on the plurality of keys in the second mode based on the information stored in the character map.

Claims 18 - 28 (canceled)

Claim 29. (currently amended)~~The apparatus of claim 26,~~

An apparatus, comprising:

a plurality of keys, wherein each of the plurality of keys is operable to be

depressed; and

a control unit adapted to:

display a first set of symbols on the plurality of keys in a first mode and a

second set of symbols on the plurality of keys in a second mode;

detect a selection of a particular key of the plurality of keys; and

provide information indicative of a corresponding symbol to a processor-

based system in response to detecting the selection of the key,

wherein each key comprises a matrix of pins capable of rising

above the surface of the key.

Claim 30. (previously presented) The apparatus of claim 29, wherein each key comprises a sleeve for each of the pins of the matrix and wherein each of the sleeves comprises an upper coil for causing the associated pin to rise above the surface of the key.

Claim 31. (previously presented) The apparatus of claim 30, wherein each sleeve comprises a magnetically movable object positioned below an associated pin, wherein the movable object is adapted to rise in response to the upper coil being energized.

Claim 32. (previously presented) The apparatus of claim 31, wherein the movable object is adapted to fall in response to the upper coil not being energized, and wherein the associated pin becomes flush with the surface of the key in response to the fall of the movable object.

Claim 33 (cancelled)

Claim 34 (currently amended): ~~The computer readable medium of claim 33,~~
A computer readable medium including program instructions executable to implement a method for displaying information on a plurality of keys on a keyboard, comprising:
receiving a request to change the configuration of the plurality of keys from a first configuration to a second configuration;
determining information to display on each of the plurality of keys in the second configuration; and
displaying the information on a surface of each of the plurality of keys, wherein the surface of each key is operable to be depressed, wherein displaying the information further comprises displaying a Braille letter on each of the plurality of keys.

Claim 35 (currently amended): The computer readable medium of claim ~~33~~ 34, wherein displaying the information comprises raising one or more pins of a matrix of pins above the surface of each of the plurality of keys to form one or more Braille letters.

Claim 36 (currently amended): The computer readable medium of claim ~~33~~ 34, wherein receiving the request comprises receiving the request to change the configuration to a Braille configuration mode.

Claim 37 – 38 (cancelled)

Claim 39 (currently amended): ~~The computer readable medium of claim 38~~
A computer readable medium including program instructions executable to implement a method for displaying information on a plurality of keys on a keyboard, comprising:
receiving a request to change the configuration of the plurality of keys from a first configuration to a second configuration;
determining information to display on each of the plurality of keys in the second configuration; and
displaying the information on a surface of each of the plurality of keys, wherein the surface of each key is operable to be depressed, wherein each of the plurality of keys includes a display panel, wherein displaying the information comprises activating one or more pixels of the display panel to display the information, and, wherein displaying the information comprises displaying at least one of graphics or video on the display panel of the plurality of keys of the keyboard.

Claim 40 (currently amended): The computer readable medium of claim ~~33~~ 39, wherein the keyboard includes a configuration panel, wherein receiving the request to change the configuration of the plurality of keys comprises detecting a user selection of an option from the configuration panel.

Claim 41 (currently amended): The computer readable medium of claim ~~33~~ 39, wherein receiving the request to change the configuration of the plurality of keys comprises receiving the request from a processor-based system coupled to the keyboard.

Claim 42 (cancelled)

Claim 43 (new): The method of claim 2, wherein the keyboard includes a configuration panel, wherein receiving the request to change the configuration of the plurality of keys comprises detecting a user selection of an option from the configuration panel.

Claim 44 (new): The method of claim 2, wherein receiving the request to change the configuration of the plurality of keys comprises receiving the request from a processor-based system coupled to the keyboard.

Claim 45 (new): The computer readable medium of claim 34, wherein the keyboard includes a configuration panel, wherein receiving the request to change the configuration of the plurality of keys comprises detecting a user selection of an option from the configuration panel.

Claim 46 (new): The computer readable medium of claim 34, wherein receiving the request to change the configuration of the plurality of keys comprises receiving the request from a processor-based system coupled to the keyboard.